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**ATE1122– Robotics**

**HW -1 – Module 2**

Name : Section:

1. List the main programming palettes and draw the symbol of each?
2. Write the name of the following:

…………………………………………



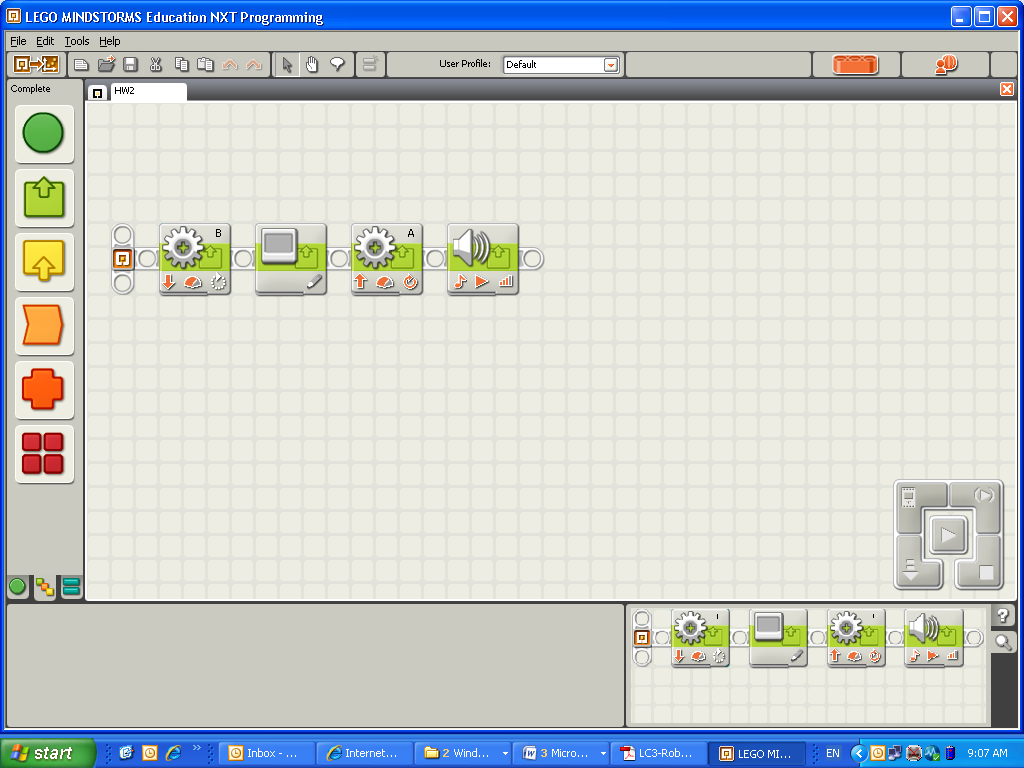
1. Identify and circle the difference in the block shape. Mention how they differ in function.

|  |  |
| --- | --- |
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1. Why do we need to update the NXT Firmware?
2. Name the following:

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

1. Answer the following questions:



1. What is the name of the program above?
2. How many motors are used in the program?
3. Name all the block above writing the function of each block?
4. What is the difference between the two motor blocks?
5. Fill the table according to the given block :

|  |  |
| --- | --- |
| Port |  |
| Duration |  |
| Direction |  |
| Power |  |
| Block Name |  |

